

Memorandum

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DIVISION OF OIL & GAS
SACRAMENTO

To : Robert A. Reid, EPA Coordinator

MAR 12 1 23 PM '82 Date : March 10, 1982

Subject: Underground Injection
Control (UIC), Aquifer
Exemptions

From : Department of Conservation—
Division of Oil and Gas

Place: COALINGA

None of the native waters of the non-hydrocarbon bearing zones were chemically analyzed prior to injection. A simple Schlumberger E-log analysis for NaCl was deemed sufficient and this is all that may be available. Analyses shown in ppm TDS are from laboratory reports. All other analyses are estimates reported by the company originating the disposal project. Nothing but produced water has been injected. Information not available is indicated by NA.

Field	Native Water	Injected Water	Injection Started
Burrel			
Santa Margarita	NA ✓	NA	9-20-53
Tulare-Kern River	NA ✓	NA	4-8-77
Southeast Burrel			
Tulare-Kern River	1200-1300 g/g NaCl	45,114.4 ppm TDS	7-7-58
Coalinga			
Santa Margarita	NA	3156.0-3533.0 ppm TDS	2-63
Etchegoin-Jacalitos	155-170 g/g	155-160 g/g	2-63
Gill Ranch			
Zilch	850 g/g NaCl	20,876.9 ppm TDS	9-30-71
Guajarral Hills			
Etchegoin-Jacalitos	550 g/g	1200 g/g	4-29-67
Helm			
Santa Margarita	2100 g/g	2200-2400 g/g	1-15-54
Tulare-Kern River	300-1400 g/g	11,631.8-43,444.6 ppm TDS	12-8-52
Jacalitos	5130 -		
Etchegoin-Jacalitos	NA	5500 ppm Cl ⁻	10-18-78
Kettleman North Dome			
San Joaquin-Etchegoin	NA	23,793.3-31,193.9 ppm TDS	8-13-64
Raisin City			
Pliocene	750-2000 g/g	(46,054.8-	12-4-51
Santa Margarita	NA	(48,462 ppm TDS	5-6-48

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<u>Field</u>	<u>Native Water</u>	<u>Injected Water</u>	<u>Injection Started</u>
Riverdale Pliocene Santa Margarita	280-950 g/g NA	(38,270.0 ppm TDS	7-3-57 5-25-52
San Joaquin Pliocene	1000 g/g NaCl	1230 g/g NaCl	2-20-61
San Joaquin Northwest Basal McLure	NA	18,504 ppm TDS	Never
Turk Anticline San Joaquin	NA	9538.0-9800 ppm TDS	11-12-76

Richard F. Curtin

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Deputy Supervisor